

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
AlB: Allegheny-----	9A	Slight	Moderate	Slight	Slight	Severe	American elm----- Virginia pine----- black oak----- northern red oak---- pignut hickory----- red maple----- shortleaf pine----- sugar maple----- white ash----- yellow poplar-----	--- 72 78 --- --- --- 80 --- --- --- 93	--- 114.00 57.00 --- --- --- 129.00 --- --- --- 100.00	black walnut, eastern white pine, northern red oak, shortleaf pine, white ash, white oak, yellow poplar
AlC: Allegheny-----	9A	Slight	Moderate	Slight	Slight	Severe	American elm----- Virginia pine----- black oak----- northern red oak---- pignut hickory----- red maple----- shortleaf pine----- sugar maple----- white ash----- yellow poplar-----	--- 72 78 --- --- --- 80 --- --- --- 93	--- 114.00 57.00 --- --- --- 129.00 --- --- --- 100.00	black walnut, eastern white pine, northern red oak, shortleaf pine, white ash, white oak, yellow poplar
At: Atkins-----	4W	Slight	Severe	Severe	Moderate	Severe	American sycamore--- eastern cottonwood-- loblolly pine----- pin oak----- red maple----- sweetgum-----	--- 105 83 100 --- 95	--- 143.00 114.00 57.00 --- 114.00	eastern white pine, white spruce
BaB: Belmont-----	4A	Slight	Slight	Slight	Slight	Severe	northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	77 80 80 77 90	57.00 57.00 57.00 57.00 86.00	Japanese larch, black walnut, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
BaC: Belmont-----	4A	Slight	Slight	Slight	Slight	Severe	northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	77 80 80 77 90	57.00 57.00 57.00 57.00 86.00	Japanese larch, black walnut, eastern white pine, yellow poplar
BaD: Belmont-----	4R	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	80 80 80 80 90	57.00 57.00 57.00 57.00 86.00	Japanese larch, black walnut, eastern white pine, yellow poplar
BbC: Belmont-----	4X	Slight	Slight	Slight	Slight	Severe	hickory----- northern red oak---- sugar maple-----	--- 77 80	--- 57.00 57.00	black walnut, eastern white pine, yellow poplar
BbE: Belmont-----	4X	Moderate	Moderate	Slight	Slight	Severe	hickory----- northern red oak---- sugar maple-----	--- 80 80	--- 57.00 57.00	black walnut, eastern white pine, yellow poplar
BbF: Belmont-----	4R	Severe	Severe	Slight	Slight	Severe	hickory----- northern red oak---- sugar maple-----	--- 80 80	--- 57.00 57.00	black walnut, eastern white pine, yellow poplar
BeB: Berks-----	4F	Slight	Slight	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
BeC: Berks-----	4F	Slight	Slight	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
BeD: Berks-----	4F	Slight	Moderate	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
BeE: Berks-----	4F	Slight	Moderate	Moderate	Slight	Moderate	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
BfC: Berks-----	4F	Slight	Slight	Moderate	Slight	---	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
BfE: Berks-----	4F	Slight	Moderate	Moderate	Slight	---	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
BfF: Berks-----	4R	Moderate	Severe	Moderate	Slight	---	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
BhG: Berks-----	4R	Moderate	Severe	Moderate	Slight	---	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Weikert-----	3R	Moderate	Severe	Severe	Moderate	---	Virginia pine----- northern red oak----	60 64	86.00 43.00	Virginia pine, eastern white pine, shortleaf pine
Calvin-----	5R	Moderate	Severe	Moderate	Slight	Severe	northern red oak---- yellow poplar-----	77 80	57.00 72.00	Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
BlC: Blackthorn-----	4F	Slight	Slight	Slight	Slight	Moderate	black walnut----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- 80 70 70 75	--- 143.00 57.00 57.00 57.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
BlE: Blackthorn-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black walnut----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- 80 70 70 75	--- 143.00 57.00 57.00 57.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
BlF: Blackthorn-----	4R	Severe	Severe	Slight	Slight	Moderate	black walnut----- eastern white pine-- northern red oak---- white oak----- yellow poplar-----	--- 80 70 70 75	--- 143.00 57.00 57.00 57.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
BoB: Blairton-----	4W	Slight	Moderate	Slight	Slight	Severe	northern red oak---- sugar maple----- white ash----- yellow poplar-----	70 70 70 80	57.00 43.00 43.00 72.00	Japanese larch, Norway spruce, eastern white pine, yellow poplar
BrF: Briery-----	4R	Severe	Severe	Moderate	Slight	Slight	Scotch pine----- red pine-----	45 45	--- 57.00	Norway spruce, Scotch pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Rock Outcrop-----	---	---	---	---	---	---	---	---	---	---
CaC: Calvin-----	4F	Slight	Slight	Moderate	Slight	Moderate	northern red oak---- yellow poplar-----	71 71	57.00 57.00	Virginia pine, eastern white pine, red pine
CbC: Calvin-----	4F	Slight	Slight	Moderate	Slight	Moderate	northern red oak---- yellow poplar-----	71 71	57.00 57.00	Virginia pine, eastern white pine, red pine
CbE: Calvin-----	5F	Slight	Moderate	Moderate	Slight	Severe	northern red oak---- yellow poplar-----	77 80	57.00 72.00	Virginia pine, eastern white pine, red pine
CbF: Calvin-----	5R	Moderate	Severe	Moderate	Slight	Severe	northern red oak---- yellow poplar-----	77 80	57.00 72.00	Virginia pine, eastern white pine, red pine
CdC: Calvin-----	4F	Slight	Slight	Moderate	Slight	Moderate	northern red oak---- yellow poplar-----	71 71	57.00 57.00	Virginia pine, eastern white pine, red pine

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Dekalb-----	3F	Slight	Slight	Moderate	Slight	---	northern red oak----	57	43.00	Austrian pine, Japanese larch, eastern white pine, red pine
Berks-----	4F	Slight	Slight	Moderate	Slight	---	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CdE: Calvin-----	5F	Slight	Moderate	Moderate	Slight	Severe	northern red oak---- yellow poplar-----	77 80	57.00 72.00	Virginia pine, eastern white pine, red pine
Dekalb-----	2F	Slight	Moderate	Moderate	Moderate	---	northern red oak----	52	29.00	Norway spruce, Virginia pine, eastern white pine, white spruce
Berks-----	4F	Slight	Moderate	Moderate	Slight	---	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CdF: Calvin-----	5R	Moderate	Severe	Moderate	Slight	Severe	northern red oak---- yellow poplar-----	77 80	57.00 72.00	Virginia pine, eastern white pine, red pine
Dekalb-----	2R	Moderate	Severe	Moderate	Moderate	---	northern red oak----	52	29.00	Norway spruce, Virginia pine, eastern white pine, white spruce

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Berks-----	4R	Moderate	Severe	Moderate	Slight	---	Virginia pine----- black oak----- northern red oak----	70 70 70	114.00 57.00 57.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
CeB: Cateache-----	4A	Slight	Slight	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
CeC: Cateache-----	4A	Slight	Slight	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
CeD: Cateache-----	4R	Moderate	Severe	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
CfC: Cateache-----	4A	Slight	Slight	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
CfE: Cateache-----	4R	Moderate	Severe	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
CfF: Cateache-----	4R	Severe	Severe	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust
CfG: Cateache-----	4R	Severe	Severe	Slight	Slight	Moderate	black cherry----- cucumbertree----- northern red oak----	80 80 80	57.00 --- 57.00	Norway spruce, black cherry, black locust



Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Ch: Chavies-----	8A	Slight	Slight	Slight	Slight	Moderate	American sycamore----- black cherry----- black walnut----- hickory----- northern red oak----- red maple----- shortleaf pine----- sugar maple----- white oak----- yellow poplar-----	--- --- --- --- --- --- 76 --- --- 93	--- --- --- --- --- --- 114.00 --- --- 100.00	black walnut, eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
CuB: Culleoka-----	7A	Slight	Slight	Slight	Slight	Moderate	black cherry----- black oak----- black walnut----- northern red oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 82 --- 81 --- --- --- 93	--- 57.00 --- 57.00 --- --- --- 100.00	eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
CuC: Culleoka-----	7A	Slight	Slight	Slight	Slight	Moderate	black cherry----- black oak----- black walnut----- northern red oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 82 --- 81 --- --- --- 93	--- 57.00 --- 57.00 --- --- --- 100.00	eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
CuD: Culleoka-----	7R	Moderate	Moderate	Slight	Slight	Moderate	black cherry----- black oak----- black walnut----- northern red oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 82 --- 81 --- --- --- 93	--- 57.00 --- 57.00 --- --- --- 100.00	eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
CuE: Culleoka-----	7R	Moderate	Moderate	Slight	Slight	Moderate	black cherry----- black oak----- black walnut----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 82 --- 81 --- --- --- 93	--- 57.00 --- 57.00 --- --- --- 100.00	eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
CuF: Culleoka-----	7R	Severe	Severe	Slight	Slight	Moderate	black cherry----- black oak----- black walnut----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 82 --- 81 --- --- --- 93	--- 57.00 --- 57.00 --- --- --- 100.00	eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
DhC: Dekalb-----	3F	Slight	Slight	Moderate	Slight	---	northern red oak----	57	43.00	Austrian pine, Japanese larch, eastern white pine, red pine
Hazleton-----	4F	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	70 80	57.00 72.00	Austrian pine, Japanese larch, Norway spruce, black cherry, eastern white pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
DhE: Dekalb-----	2F	Slight	Moderate	Moderate	Moderate	---	northern red oak----	52	29.00	Norway spruce, Virginia pine, eastern white pine, white spruce

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Hazleton-----	4F	Slight	Moderate	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	70 80	57.00 72.00	Austrian pine, Japanese larch, Norway spruce, black cherry, eastern white pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
DhF: Dekalb-----	2R	Moderate	Severe	Moderate	Moderate	---	northern red oak----	52	29.00	Norway spruce, Virginia pine, eastern white pine, white spruce
Hazleton-----	4R	Moderate	Severe	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	70 80	57.00 72.00	Austrian pine, Japanese larch, Norway spruce, black cherry, eastern white pine
Other Soils-----	---	---	---	---	---	---	---	---	---	---
DuB: Duffield-----	5A	Slight	Slight	Slight	Slight	Severe	northern red oak---- yellow poplar-----	85 95	72.00 100.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
DuC: Duffield-----	5A	Slight	Slight	Slight	Slight	Severe	northern red oak---- yellow poplar-----	85 95	72.00 100.00	Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi-nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Lo: Lobdell-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 87 --- --- --- 96	--- 72.00 --- --- --- 100.00	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Holly-----	---	---	---	---	---	---	---	---	---	---
LyB: Lodi-----	4C	Slight	Slight	Slight	Slight	Slight	northern red oak---- white oak----- yellow poplar-----	76 76 86	57.00 57.00 86.00	eastern white pine, yellow poplar
LyC: Lodi-----	---	---	---	---	---	---	---	---	---	---
MaB: Macove-----	4F	Slight	Slight	Moderate	Slight	Slight	Virginia pine----- red maple----- white oak-----	68 --- 70	100.00 --- 57.00	eastern white pine, yellow poplar
MaC: Macove-----	4F	Slight	Slight	Moderate	Slight	Slight	Virginia pine----- red maple----- white oak-----	68 --- 70	100.00 --- 57.00	eastern white pine, yellow poplar
MaD: Macove-----	4	Moderate	Moderate	Moderate	Slight	Slight	Virginia pine----- red maple----- white oak-----	68 --- 70	100.00 --- 57.00	eastern white pine, yellow poplar
McC: Macove-----	4F	Slight	Slight	Slight	Slight	Moderate	Virginia pine----- red maple----- white oak-----	68 --- 70	100.00 --- 57.00	eastern white pine, yellow poplar
McE: Macove-----	4R	Moderate	Moderate	Slight	Slight	Moderate	Virginia pine----- red maple----- white oak-----	68 --- 70	100.00 --- 57.00	eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

[illegible]

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
MrB: Mertz-----	4F	Slight	Slight	Moderate	Slight	Severe	Virginia pine----- northern red oak---- yellow poplar-----	75 80 90	114.00 57.00 86.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, yellow poplar
MzC: Mertz-----	4F	Slight	Slight	Moderate	Slight	Severe	Virginia pine----- northern red oak---- yellow poplar-----	75 80 90	114.00 57.00 86.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, yellow poplar
MzE: Mertz-----	4R	Slight	Moderate	Moderate	Slight	Severe	Virginia pine----- northern red oak---- yellow poplar-----	75 80 90	114.00 57.00 86.00	Japanese larch, Norway spruce, Virginia pine, eastern white pine, yellow poplar
Or: Orrville-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- pin oak----- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 80 85 80 --- --- 90	--- 57.00 72.00 57.00 --- --- 86.00	Norway spruce, Scotch pine, eastern white pine, green ash, northern red oak, red pine, white ash, white oak, white spruce, yellow poplar
Holly-----	---	---	---	---	---	---	---	---	---	---
Ph: Philo-----	5A	Slight	Slight	Slight	Slight	Severe	Virginia pine----- black oak----- northern red oak---- white ash----- white oak----- yellow poplar-----	74 85 86 85 85 102	114.00 72.00 72.00 72.00 72.00 114.00	eastern white pine, yellow poplar



Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi-nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
Atkins----- Po: Potomac-----	---	---	---	---	---	---	---	---	---	---
Holly----- Pt: Potomac-----	4F	Slight	Slight	Moderate	Slight	Moderate	American sycamore--- black walnut----- eastern redcedar--- eastern white pine-- northern red oak---- white oak-----	--- --- --- 80 70 70	--- --- --- 143.00 57.00 57.00	American sycamore, Japanese larch, black walnut, eastern white pine, northern red oak, white oak
Fluvaquents----- Holly----- Pu: Purdy-----	---	---	---	---	---	---	---	---	---	---
Sees----- Sc: Sees-----	4W	Slight	Severe	Severe	Severe	---	Virginia pine----- pin oak----- shortleaf pine----- sweetgum----- yellow poplar-----	75 85 75 85 90	114.00 57.00 114.00 86.00 86.00	Virginia pine, eastern white pine, loblolly pine
Unnamed Series-----	4C	Slight	Moderate	Moderate	Slight	Severe	black locust----- black walnut----- common hackberry--- eastern redcedar--- elm----- shagbark hickory--- white oak----- yellow poplar-----	--- --- --- --- --- --- 85 ---	--- --- --- --- --- --- 57.00 ---	eastern white pine, white ash, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Se: Sensabaugh-----	8A	Slight	Slight	Moderate	Slight	Severe	Virginia pine----- shortleaf pine----- white oak----- yellow poplar-----	75 80 80 100	114.00 129.00 57.00 114.00	black walnut, loblolly pine, yellow poplar
ShB: Shouns-----	6A	Slight	Slight	Slight	Slight	Moderate	eastern white pine-- loblolly pine----- northern red oak---- yellow poplar-----	80 80 70 90	143.00 114.00 57.00 86.00	eastern white pine, loblolly pine, shortleaf pine, yellow poplar
ShC: Shouns-----	6A	Slight	Slight	Slight	Slight	Moderate	eastern white pine-- loblolly pine----- northern red oak---- yellow poplar-----	80 80 70 90	143.00 114.00 57.00 86.00	eastern white pine, loblolly pine, shortleaf pine, yellow poplar
SsC: Shouns-----	6X	Slight	Moderate	Moderate	Slight	Moderate	eastern white pine-- loblolly pine----- northern red oak---- yellow poplar-----	80 80 70 90	143.00 114.00 57.00 86.00	eastern white pine, loblolly pine, shortleaf pine, yellow poplar
SsE: Shouns-----	6R	Moderate	Moderate	Moderate	Slight	Moderate	eastern white pine-- loblolly pine----- northern red oak---- yellow poplar-----	80 80 70 90	143.00 114.00 57.00 86.00	eastern white pine, loblolly pine, shortleaf pine, yellow poplar
SsF: Shouns-----	6R	Moderate	Severe	Moderate	Slight	Moderate	eastern white pine-- loblolly pine----- northern red oak---- yellow poplar-----	80 80 70 90	143.00 114.00 57.00 86.00	eastern white pine, loblolly pine, shortleaf pine, yellow poplar
SwE: Snowdog-----	4R	Moderate	Moderate	Moderate	Moderate	Moderate	black cherry----- red maple----- red spruce----- yellow birch-----	80 --- 65 ---	57.00 --- 143.00 ---	Norway spruce, red maple

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Tg: Tioga-----	4A	Slight	Slight	Slight	Slight	---	northern red oak---- sugar maple----- yellow poplar-----	75 67 85	57.00 43.00 86.00	European larch, Norway spruce, black walnut, eastern white pine, yellow poplar
TrC: Trussel-----	7W	Slight	Severe	Severe	Severe	Severe	black cherry----- red maple----- red spruce----- yellow birch-----	60 --- 45 ---	43.00 --- 100.00 ---	Norway spruce, red maple
Uf: Udlfluvents-----	---	---	---	---	---	---	---	---	---	---
Fluvaquents-----	---	---	---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Us: Udorthents-----	---	---	---	---	---	---	---	---	---	---
W: Water-----	---	---	---	---	---	---	---	---	---	---
WeC: Weikert-----	3D	Slight	Slight	Severe	Moderate	Moderate	Virginia pine----- northern red oak----	56 59	86.00 43.00	Virginia pine, eastern white pine, red pine, shortleaf pine
WeD: Weikert-----	3D	Slight	Moderate	Severe	Moderate	Moderate	Virginia pine----- northern red oak----	60 64	86.00 43.00	Virginia pine, eastern white pine, shortleaf pine
WeF: Weikert-----	3R	Moderate	Severe	Severe	Moderate	Moderate	Virginia pine----- northern red oak----	60 64	86.00 43.00	Virginia pine, eastern white pine, shortleaf pine

Table E2.--Forestland Management and Productivity--Continued

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